

2011 - 2012 Highway Safety Improvement Program - All New Projects										
Corridor	Mile Post	Description	County	District	Type	Recommendation	B/C	Construction w/ IDC Cost Estimate	Cumulative	Status/ Issues
1	99 - 100.7	W. OF KALISPELL	FLATHEAD	Missoula	SI, SVOR	Redo side slope mitigation B/C. Use ex. conditions of 3:1 slopes with 6' depth	1.40	\$665,000	\$665,000	Design
1	115.4 - 116.1	W. OF KALISPELL	FLATHEAD	Missoula	Fat	Install Intx Warning Sign with Marquart Ln / Whalebone Dr Plaque.	206.82	\$3,850	\$668,850	Design
5	74.1 - 74.5	S. OF DAYTON	LAKE	Missoula	OT	Chevrons	103.15	\$11,040	\$679,890	Design
5	77.4 - 77.9	S OF DAYTON	LAKE	Missoula	OT	Slope flattening and flasher upgrade	6.76	\$90,300	\$770,190	Design
5	77.4 - 77.9	S OF DAYTON	LAKE	Missoula		Stop Ahead Assembly (MT - 28)	49.18	\$1,875	\$772,065	Design
5	158.4 - 158.6	STRYKER	LINCOLN	Missoula	SI	Advanced Curve Warning Signs	28.52	\$9,800	\$781,865	Design
					SI	Adding Post Mounted Flashers to the two new advance warning signs installed by Maintenance in Fall 2011	23.40	\$16,500	\$798,365	Design
6	5.3 - 5.8	E. OF HERON	SANDERS	Missoula	OT, SR, SVOR	Curve Warning Signs	50.94	\$32,700	\$831,065	Design
6	15.2 - 15.6	Noxon Rd and P-6	Sanders	Missoula	REQ	Reset G.R. back from EOP, trim shrubbery.	45.33	\$1,804	\$832,869	Design
6	77.2 - 77.7	MT 200 - Sanders County	SANDERS	Missoula	SI	Install Rumble Strips (Five Locations)	N/A	\$46,300	\$879,169	Design
7	17.89 - 18.2	S. OF DABBY	RAVALLI	Missoula	SR	Install Guardrail	13.29	\$68,000	\$947,169	Design
7	19.6 - 20.5	S. OF HAMILTON	RAVALLI	Missoula	SR, SI	Install Guardrail	10.74	\$213,000	\$1,160,169	Design
7	44.3 - 44.7	Jct with MT 38	RAVALLI	Missoula	REQ	Flasher and Luminares	38.48	\$170,000	\$1,330,169	Design
24	28.6 - 29.2	E. OF BONNER	MISSOULA	Missoula	SI	2 Sets of Advance Curve Warning Signs	190.97	\$3,000	\$1,333,169	Design
33	13.955-64.882	MT 37	LINCOLN	Missoula	REQ	Shoulder Rumble Strips	N/A	\$119,000	\$1,452,169	Design
35	16.5 - 17	E. OF ST. REGIS	SANDERS	Missoula	SR, SI	Install Icy Spots Sign with 1 mile plaque	188.39	\$4,145	\$1,456,314	Design
35	18.2 - 18.7	E. OF ST. REGIS	SANDERS	Missoula	SI	Install chevrons on reverse curves	145.83	\$13,460	\$1,469,774	Design
52	29.4 - 30.2	S. OF BIGFORK	FLATHEAD	Missoula	OT, SR, SI, SVOR	G.R. north of Camp Robber/fill south of Camp Robber and replace chevrons.	26.39	\$50,000	\$1,519,774	Design
83	11.6 - 12.5	S. OF SEELEY LAKE	MISSOULA	Missoula	REQ	Install Adv. Intx Sign with Double Arrow Rd Plaque	482.11	\$3,900	\$1,523,674	Design
90	136.5 - 137.2	W. OF DRUMMOND	GRANITE	Missoula	SI	Extend Jersey Rail 1000'D BCT; Extend G.R. on Southside of EB lanes 500'	13.18	\$268,400	\$1,792,074	Design
206	0.7 - 1.4	E. OF KALISPELL	FLATHEAD	Missoula	OT	Side slope flattening / generally within the existing right of way.	1.74	\$201,000	\$1,993,074	Design
206	2.7 - 3.2	S. OF C. FALLS	FLATHEAD	Missoula	OT	Side slope flattening / generally within the existing right of way.	3.15	\$144,000	\$2,137,074	Design
206	5.6 - 6.1	S. OF C. FALLS	FLATHEAD	Missoula	OT	Side slope flattening / generally within the existing right of way.	6.22	\$143,000	\$2,280,074	Design
206	8.5 - 9	E. OF C. FALLS	FLATHEAD	Missoula	OT	Side slope flattening / generally within the existing right of way.	1.95	\$600,000	\$2,880,074	Design
263	5.7 - 6.6	W. OF MISSOULA	MISSOULA	Missoula	OT	Chevrons	78.67	\$17,300	\$2,897,374	Design
269	21 - 21.2	E. OF N-7	RAVALLI	Missoula	H.O./SSOD	Install TWLTL	4.97	\$385,000	\$3,282,374	Design
292	3.9 - 4.3	NE. OF KALISPELL	FLATHEAD	Missoula	OT	Investigate installing chevrons	239.08	\$9,600	\$3,291,974	Design
473	3.4 - 3.779	W. OF CONNER	RAVALLI	Missoula	SR	Install Guardrail on outside of curve.	27.71	\$64,500	\$3,356,474	Design
L-32-101		River Pine Road/Maclay Bridge	MISSOULA	Missoula	REQ	Illumination and Single Arrow Board.	39.64	\$37,000	\$3,393,474	Design
1	222 - 223	E of Browning	Glacier	Great Falls	REQ	Replace Jersey Rail w/ w-beam rail	1.30	\$180,000	\$3,573,474	Design
3	8.0 - 16.0	W of Great Falls	Cascade/Teton	Great Falls	REQ	Install G.R. both sides at 5 sites.	3.54	\$524,005	\$4,097,479	Design
3	19.9 - 20.3	Int 89 and S-431/565	Cascade	Great Falls	REQ	Post Mounted, Actuated Post Mounted Flasher	23.71	\$33,000	\$4,130,479	Design
8	40.6 - 41.3	JOSLYN & EUCLID	LEWIS & CLARK	Great Falls	SR	Install reflective backplate sheeting on signal heads	318.91	\$1,381	\$4,131,860	Design
15	218.1 - 218.7	S. OF SPRING CREEK	LEWIS & CLARK	Great Falls	SR	Install Linear Delineation	5.31	\$13,500	\$4,145,360	Design
15	234 - 249		L&C and Cascade	Great Falls		Install Lineal Delineation at Curvilinear sections of Jersey Rail	7.04	\$102,000	\$4,247,360	Design
24	54.3 - 54.8	W OF P-41	POWELL	Great Falls	SI	Recommend Winding Road Sign	93.30	\$1,804	\$4,249,164	Design
24	56.3 - 56.8	W OF P-41	POWELL	Great Falls	OT, SR	Recommend 3 curve warning signs. Keep existing EB curve warning w/ 55 MPH	774.59	\$1,913	\$4,251,077	Design
24	60.7 - 61.2	E OF P-41	POWELL	Great Falls	SR	Upgrade Signing throughout site. Install Chevrons on "Hairpin" curve	21.37	\$16,710	\$4,267,787	Design
226	0.0 - 0.5	S of Great Falls	CASCADE	Great Falls	REQ	Replace Signs.	33.79	\$10,445	\$4,278,232	Design
232	3.3 - 3.6	W of Havre	Hill	Great Falls	REQ	Curve Reconstruction	2.30	\$840,000	\$5,118,232	Design
279	2.7 - 3.1	N OF HELENA	LEWIS & CLARK	Great Falls	SR, SI	Roundabout	3.14	\$1,600,000	\$6,718,232	Design
L-25-100		Lake Helena Drive	LEWIS & CLARK	Great Falls	REQ	Install flexible delineation	46.42	\$1,400	\$6,719,632	Design
42	71.7 - 72.5	SE of Glasgow	Valley	Glendive	SR	Advance curve signs, flex delineation, possible electric braid fence	177.98	\$2,656	\$6,722,288	Design
405	27.0-28.0	E. of Froid	Richland	Glendive	REQ	10:1 slope flattening on inslopes with approaches. Potential signing	22.80	\$43,018	\$6,765,306	Design
Various		Glendive Rumble Strips	Various	Glendive	REQ	Shoulder and Centerline Rumble Strips	N/A	\$125,000	\$6,890,306	Design
16	46.9 - 47.5	S OF ROUNDUP	MUSSELLSHELL	Billings	SI	Skid treatment for bridge deck	3.00	\$95,188	\$6,985,494	Design
53	5.0 - 5.6	Billings	YELLOWSTONE	Billings	SI	Intx Ahead Warning Signs	865.56	\$1,805	\$6,987,299	Design
57	138.5 - 139.6	E OF WINNETT	PETROLEUM	Billings	FAT	Signing and delineation upgrades through curves.	622.83	\$10,312	\$6,997,611	Design
78	11.5 - 12	N. of Red Lodge	CARBON	Billings	SR	Install Chevrons and 60 MPH plaque. Replace existing curve warn.	227.64	\$4,262	\$7,001,873	Design
78	44.6 - 45.1	S OF COLUMBUS	STILLWATER	Billings	SR	Install Curve Warning Signs	352.86	\$1,351	\$7,003,224	Design
90	550.7 - 551.6	S. OF ABERDEENINT	BIG HORN	Billings	Fat	Install Flex Delineation; Possible Median Cable Rail/Close gaps in rail	93.53	\$9,213	\$7,012,437	Design
6902	0.8 - 1.8	LAUREL	YELLOWSTONE	Billings	REQ./Maint review	Replace Texas Twist G.R.; Speed Limit Warning	7.81	\$81,564	\$7,094,001	Design
57	109.7-110.0	N. OF GRASSRANGE	FERGUS	Billings	REQ	High Speed Rural Roundabout	4.57	\$1,972,290	\$9,066,291	Design
L-5-103	1.7-1.8	N of Fromberg	CARBON	Billings	REQ	Signing upgrades.	35.55	\$5,069	\$9,071,360	Design
419	1.3 - 1.75	W OF FISHTAIL	STILLWATER	Billings	REQ	Install Winding Road Ahead Signs	256.69	\$1,805	\$9,073,165	Design
419	5.8 - 6.3	W OF FISHTAIL	STILLWATER	Billings	SR, SI	Signing Upgrade	50.99	\$11,527	\$9,084,692	Design
29	76 - 77.4	S of Butte	Silver Bow	Butte	REQ	Install Guardrail From RP 76.0 to RP 77.4	1.65	\$437,970	\$9,522,662	Design
84	0.5-1.3	E. of Norris	Madison	Butte	REQ-K	Install oversized (48"x48") Advanced Curve Signing with Advisory Speed Plaque	251.66	\$3,453	\$9,526,115	Design
86	20.8 - 21.4	NE of Bozeman	Gallatin	Butte	SR	Signing and Guardrail	2.15	\$227,556	\$9,753,671	Design
90	257 - 257.7	E of Whitehall	JEFFERSON	Butte	REQ	Signing Improvements	34.60	\$22,076	\$9,775,747	Design
235	1.7 - 2	W. of Bozeman	Gallatin	Butte	OT	Install Transverse Rumble Strips, Large Arrow Board, Oversized STOP Sign & STOP Ahead Sign	374.74	\$3,801	\$9,779,548	Design
345	7.7 - 8	S of Bozeman	Gallatin	Butte	OT	Curve Signing & Delineation Slope Flattening	42.30	\$10,571	\$9,790,119	Design
569	6.3 - 6.8		DEER LODGE	Butte	SR	Upgrade Curve Signing RP 6.0 to RP 9.0	13.66	\$113,289	\$9,903,408	Design
N/A	N/A	N/A	N/A	N/A	N/A	Upgrade Curve Signing RP 6.0 to RP 9.0	99.00	\$13,758	\$9,917,166	Design
N/A	N/A	N/A	N/A	N/A	N/A	Continue evaluation of SIMS upgrade	N/A	\$150,000	\$10,067,166	Design
11	1.2 - 49.7	Hwy 89 - S. of Livingston	Park	Butte	SVOR	Install Shoulder Rumble Strips along N-11	3.83	\$120,000	\$10,187,166	Design
90	390 - 410	I-90 Springtime Int - E-W	Stillwater/S.G.	Billings	REQ	VMS, Delineation, Guardrail, Signing, Median Crossing	17.81	\$568,000	\$10,755,166	Design

Projects without a B/C Calculation are completed as a proactive measure to improve highway safety.
SR = Severity Rate; SI = Severity Index; OT = Overturn; SVROR = Single Vehicle Run off the Road; FAT = Fatality; REQ = Request; HO = Head On; SSOD = Side Swipe Opposite Direction